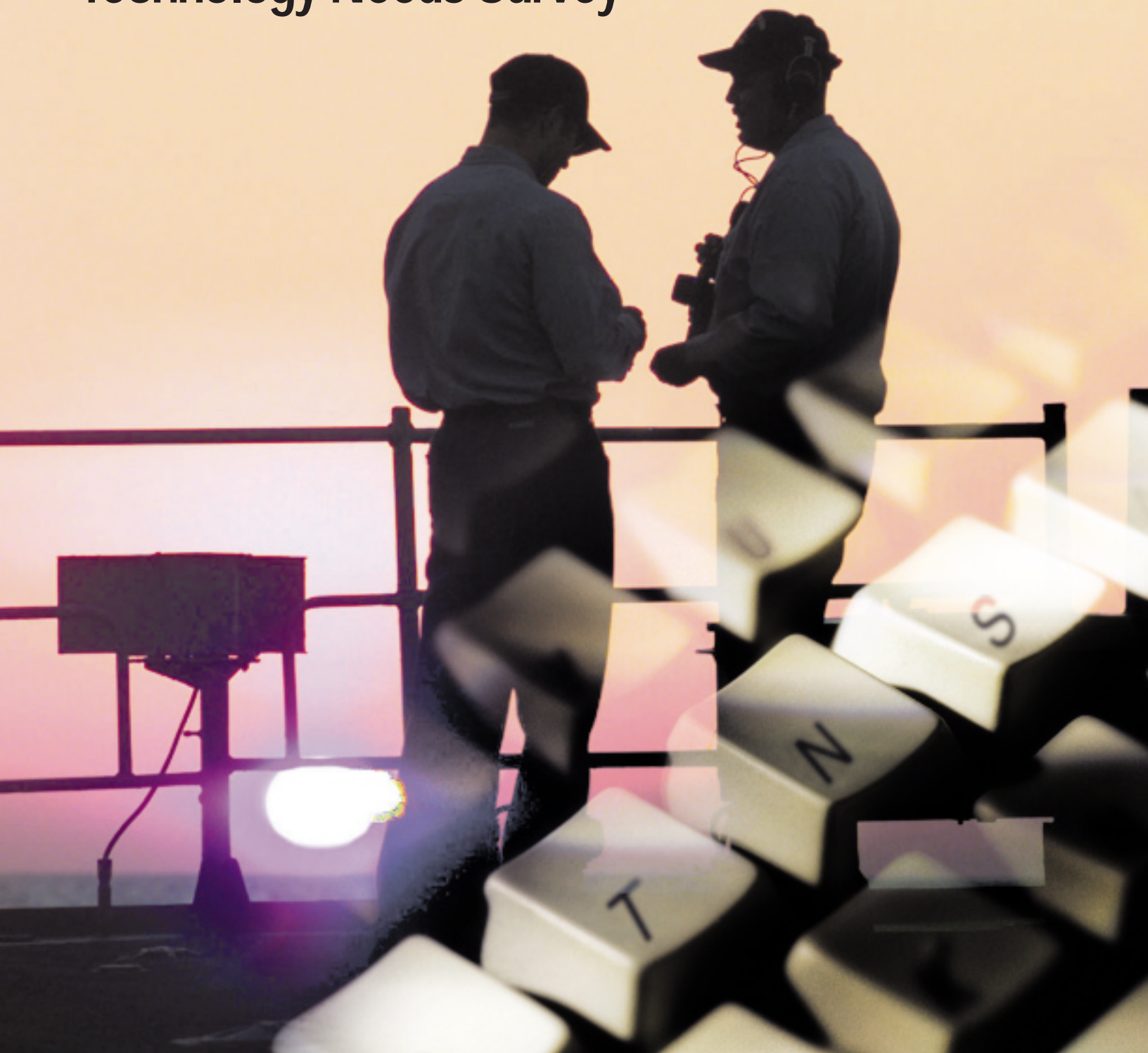


LMTCE-WIPT **NAVAIR Environmental Program**

Technology Needs Survey





NAVAIR

Technology Needs Survey



What is the Technology Needs Survey?

The Naval Air Systems Command's (NAVAIR) Environmental Acquisition Support Office (AIR-8.4), with the assistance from the Lead Maintenance Technology Center for the Environment (LMTCE) Working Integrated Product Team (WIPT), is working to transform the environmental, safety and health (ESH) technology needs of customers into an investment strategy.

NAVAIR is accomplishing this through its Technology Needs Survey (TNS). In fiscal years 1998 and 1999, NAVAIR used the TNS to solicit input from the Fleet about its ESH needs. From this information, the LMTCE WIPT quantified and ranked needs and potential solutions that



were of the greatest significance to the aviation community. In addition to mailing the survey, information was gathered via a web site, which made it easy for Fleet representatives to review or contribute to new ESH needs (<http://204.245.150.11/EnviroView/OnLineNeeds.nsf>). A second web site was also developed to help identify and match project solutions to ESH needs, as well as provide a means for Fleet representatives to contribute to this process (<http://204.245.150.11/EnviroView/Projects.nsf>).

The primary goals of the TNS are to ensure that user ESH needs are collected and documented, to assist the customer in communicating the importance of their needs, and to merge the identified needs into the acquisition support process. This process is outlined in NAVAIR's corporate environmental management plan known as the NAVAIR Environmental Acquisition Targets (NEAT) Guide.

What are ESH Needs?

ESH technical needs are user-identified deficiencies in meeting environmental, safety and occupational health goals, regulations or laws. Needs

may concern the design, manufacture, operation, maintenance and disposal of systems. Examples include environmentally safe on-board fire suppressant systems for aircraft (i.e., halon replacements), environmentally benign aircraft de-icing techniques, non-hazardous cleaning solvents for electronics and metals, and disposal of munitions.

How Will TNS Results be Used?

The TNS represents the first phase of the ESH acquisition support process: identifying and documenting needs. NAVAIR will evaluate the results of the survey to determine which needs can be satisfied using nonmaterial solutions, material solutions, off-the-shelf technologies, or through on-going research and development programs.

Once evaluated, the TNS information will be fed into the Department of Defense (DoD) Environmental Technology Requirements Strategy (DETRS), a comprehensive report that documents all DoD ESH requirements. The goal of the DETRS is to provide an integrated list of DoD user needs to analyze the technology requirements most pressing within the DoD. We can then develop a technology investment strategy. By feeding our TNS information into the DETRS, NAVAIR ESH needs will gain higher visibility and allow us to leverage resources among the other Services.

Solutions to NAVAIR ESH technology needs will be developed in partnership with the other Services, focusing on common ESH needs. This comprehensive approach will reduce costs and risks associated with NAVAIR and DoD ESH research, development and assessment programs.

Final Note

NAVAIR will conduct this TNS effort every other year. Although the next survey will take place in fiscal year 2001, please let NAVAIR know your needs as soon as they arise. You can do this by visiting NAVAIR's Web site at <http://navair.alc.daps.mil>. You will find this resource provides a great deal of useful environmental information as well.

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